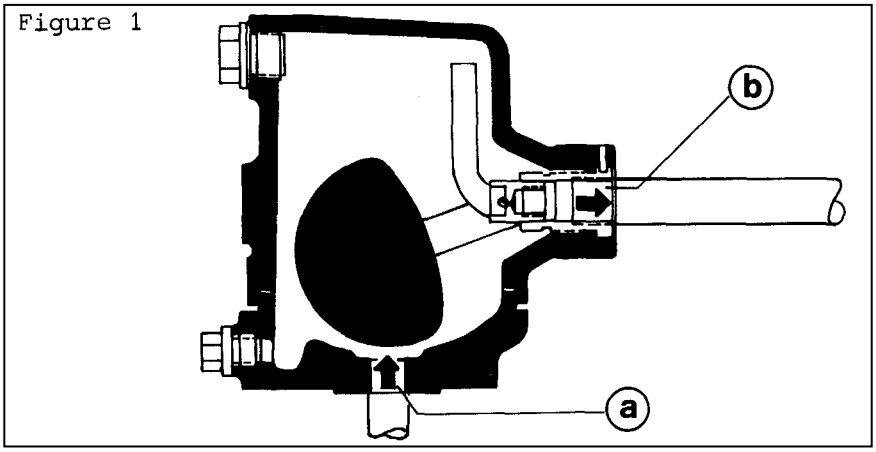
# INSTALLATION AND OPERATING INSTRUCTIONS
# for Rifoair Venting Automat

| | | | |
|---|---|---|---|
| Type: Minox Light, | PN 16 | Works Standard Sheet | 18001 |
| Type: Minox G, | PN 16 | Works Standard Sheet | 8170 |
| Type: Minox F, | PN 16 | Works Standard Sheet | 8171 |

Figure 1




**Functional Description:**
With the float in the lower position the flow passage is open. Air and gases escape through the vertically installed upright immersion tube out of the outlet port. A rising liquid level raises the float which in turn closes the passage.

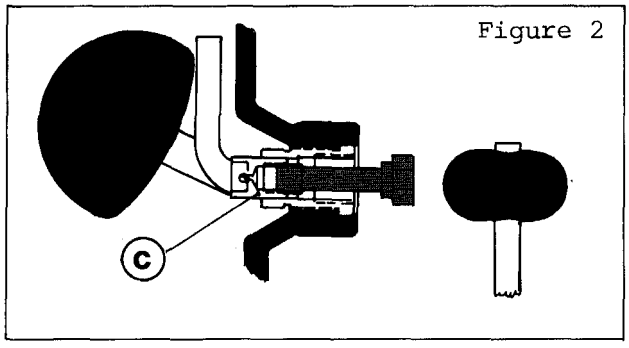
A. Installation:
1. Prior to installation remove plastic plugs from inlet (a) and outlet (b).
2. The venting unit is to be installed in the reversed position an the vertical standpipe as shown in figure 1.

B. Removal and Disassembly of Venting Automat:
1. Prior to removal of the venting unit the system has to be in a depressurized state.
2. Evenly loosen and remove four housing lid bolts (the housing lid can remain connected with the vertical immersion tube).
3. Remove outlet pipe (b).
4. Remove main housing upwards.
5. If due to space limitation the main housing cannot be removed, remove entire unit.

C. Removal of Float Control Assembly:
Removal requires a threaded drift pin, which is inserted 3 to 4 turn into the R 1/4 inch thread of the support body (c). By tapping lightly with a mallet against the head of the drift pin (figure 2), the control assembly is being loosened from its conical seat.

The float control assembly consists of:
(c) Support body and immersion tube
(d) Rotary valve and cotter pin
(e) Float and lever.

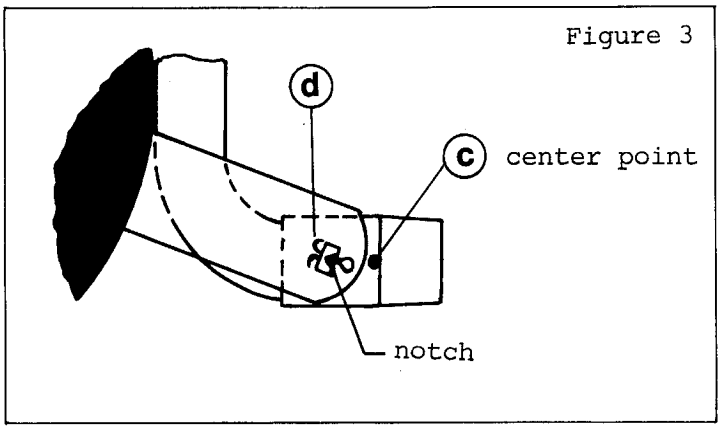
Figure 2



# INSTALLATION AND OPERATING INSTRUCTIONS
# for Rifoair Venting Automat

D. Disassembly of Float Control Assembly:

After removal of cotter pin, simply pull out rotary valve (d). Clean components with dry cleaning fluid. During assembly ensure that the notch an the rotary valve (d) is lined-up with the center point an the support body (c). Install new cotter pin.




E. Installation of Float Control Assembly:

Install float control assembly by inserting support body (c) into the conical housing seat (figures 4 and 1). Insert threaded drift pin in
R 1/4 inch thread of support body and hand-tighten with a 22mm open-end wrench, pulling the support body in the conical seat. Remove drift pin. Apply a coat of molydeniumdisulfide paste (MolyCote) to threads of housing lid bolts, place housing lid an housing, insert bolts and secure lid by tightening bolts cross-wise.